


MATERIAL DECLARATION SHEET



Material Number	SRR5028 Series			
Product Line	SHIELDED SMD POWER INDUCTOR			
Compliance Date	2021/02/22			
RoHS Compliant	YES	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	DR Core	F5H	0.093	Iron oxide (Fe2O3)	1309-37-1	63.0	15.420	24.47
				Nickel oxide (NiO)	1313-99-1	12.0	2.940	
				Zinc oxide (ZnO)	1314-13-2	20.0	4.880	
				Cupric oxide(CuO)	1317-38-0	5.0	1.220	
2	RI Core	T12	0.23	Iron oxide (Fe2O3)	1309-37-1	62.0	37.530	60.53
				Nickel oxide (NiO)	1313-99-1	11.0	6.660	
				Zinc oxide (ZnO)	1314-13-2	20.0	12.110	
				Cupric oxide(CuO)	1317-38-0	7.0	4.240	
3	Wire	P180-G2	0.033	Copper(Cu)	7440-50-8	95.0	8.250	8.68
				Polyurethane resin	9009-54-5	5.0	0.422	
4	Adhesive	6020H-6-QR-NH	0.015	Bisphenol A Epoxy Resin	25068-38-6	61.0	2.410	3.95
				alkyl glycidyl ether	68609-97-2	5.0	0.200	
				Dicyandiamide	461-58-5	6.0	0.240	
				Carbon Black	1333-86-4	5.0	0.200	
5	Terminal	Plating	0.006	Aluminum hydroxide	21645-51-2	23.0	0.910	1.58
				Silver(Ag)	7440-22-4	65.0	1.030	
				Nickel (Ni)	7440-02-0	14.0	0.220	
				Tin (Sn)	7440-31-5	21.0	0.330	
6	Solder	308	0.001	Tin (Sn)	7440-31-5	99.0	0.260	0.26
				Silver(Ag)	7440-22-4	0.5	0.001	
				Copper(Cu)	7440-50-8	0.5	0.001	

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7	Solder	0505H	0.001	Tin (Sn)	7440-31-5	96.50	0.254	0.26
				Silver(Ag)	7440-22-4	3.00	0.008	
				Copper(Cu)	7440-50-8	0.50	0.001	
8	Ink	Black	0.001	Cellulose nitrate	-	15.8	0.042	0.26
				Mixture of chromium (III) naphthalenolateo dyes	-	84.2	0.218	
Total weight			0.38					

This Document was updated on: 2021/02/22

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.